I st And Final Bill — Work code. 006-14.000012

M. A. R. 57 (Rule 116)
Measurement Book
No. B

Serial No. .....
Name of Work ..... Improvements to Roads And Drains At R.K. Hegadenagara From ... in Ward No. 68 To B. Lalasayanapura
Name of Contractor of nature of Agency ..... Sri. R. Nataraj ..... Sub division
Date of commencement of work ..... H.M.T. Layout Vidyaranyapura ..... B. Cove: 97

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work order no. : EE/BTP/BBMP/E.PMT/68/2014-15 dtd: 12.08.2014						
(1)	Earth work excavation by manual means in hard soil involving an average horizontal lead upto 2 meters and an average lift upto 0.30 mtr excavated surface leveled and sides neatly dressed the disposed earth to be leveled neatly after breaking of clods complete as per specification.						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	As Per Pre-measurement recorded vide Page No.. 355452 to 355453 in this MB.					48.60 m^3	
	Page. 90:72						4408:99
(2)	Removing BS slag Drain and Stacking.						
	As per Pre-measurement recorded vide Page No. 355454 to 355454 in this MB.					256.50 m^2	12853:21
	Page. 50:11						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2
(3)	Re-fixing stone ... compose. Quantity
	Page. 70:04
(4)	Scarifying existing along with their materials and sta

T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		nt recorded vide	
		355453 in this MB.	
		48.60 M^3	
			4408:88
		n and stacking.	
		ment recorded vide	
		355454 in this MB.	
		256.50 M^2	
			12853:12

M. A. R. 57 (Rule 116)
Measurement Book

No. B 355402

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(3)	Re-fixing stone slags drain and pointing in CM 1:3 etc., complete. Quantity vide item no. (2) Page 70:04					256.50 M^2	1796:28
(4)	Scarifying existing stone/metal carpet upto 75 mm thick along with their foreign deleterious surface picking up scarified materials and stacking for serviceable materials within lead						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	100.00 MM Sealen trial Spreading of the Saarased aggregate WM fresh aggregate on Prepared base as Consolidating as per Water bound Macadam Specifications including cost & all Labour HOM & mechanical Compressor as per Specification. As per Pre-Measurement recorded vide Page No. 375454 to 375456 in this MB. Page. 72:79					2970.00 M^2	216186:3

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
(5)	Providing laying Stone aggregate including premixing in mechanical mixer tipper to size in Sub base Base Compacting WM dressing Compress

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
ading of the Saursed sask on prepared base as bound Macadam Specifica. om & measurements Compete ent recorded vide 355456 in this MB. 2970.00 M² 216186:3			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 355403

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(5)	Providing laying Spreading and Compacting Graded Stone aggregate to WBM mix Macadam Specification including premixing the Mesenial WM water as one in Mechanical mix Plant Carriage & mixed Mesenial by tipper to site laying in uniform layers WM Paver in Sub base base course on well prepared Surface and Compacting WM Vibratory Roller to achieve the designed density Complete as per Specification.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	As per Spe. Page No. 355 457 to 355459 Page. 1121 : 04	Measurement recorded vide				as this MB. 445.50 M^3	499423 : 32
	(6) cleaning the existing WBM road surface to including removing & binding material and other foreign matter with wire brushes and small pieces sweeping with brooms or soft brushes and finally dusting with old gunny bags and or compressed						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	air to receive & all material per specification As per Spe. Page No. 355 Page. 10 : 53

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
ment recorded vide 355459		in this MB. 445.50 M³ ✓ 499423:7	
WBM road surface to ding material and oth ushes and small pro ost bushes and small ass and or compresse			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

355404

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	air to receive finishing treatment including cost & all nesessial labour materials curing Complete as per specification. As per pre. measurement recorded vide page no. 355459 to 355460 ✓ Page. 10:53					in this MB. 2970.00 M² ✓ 31274:10	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(7)	Providing and applying Prime Coat from 12-2 to 14-6 kg per 10 sqm to Surfaces of high Porosity over prepared Surface of Granular base with cutback Bitumen 70 or any other Bitumen mixed with diesel at 13 kg per 10 sqm heated in Bitumen Boiler sprayed with Sprayers (excluding cleaning of Road Surface) including Carriage of materials Complete as per Specification. As per Pre-measurement recorded vide Page No. 355 460 to 355 462 in this MB.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Page. 142:07
(8)	Providing and 20 mm thick W an average Qua aggregates & S binder at 4.5 p

IT BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
ime Coat from 12-2 to			
Surface & high Porosity			
granular base WM Cutback			
men mixed WM dresse			
ed in Bitumen Boiler			
uding cleaning & Road			
sentials Complete as R			
ment recorded vide			
do 38546 2 in this MB.			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

355405

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Page. 142:07					2970.00 m^2	
							421947:20
(8)	Providing and laying Semi dense bituminous Concrete 25 mm thick WM 100-120 TPH batch type HMP Producing an average Output of 75 tonnes per hour using Crushed aggregates of specified grading premixed WM bitumen binder @ 4.5 to 5% & mix and Spread transporting the						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	hot mix to Wearing Course laying with a Mechanical Paver finisher with Sensor Control to the required Grade level and alignment covering with smooth wheel vibratory and tandem Rollers to achieve the desired Compaction as per MoRTH Specification Clause No. 500 Complete in all respects as per Specification.						
	5th Cross -						
	CRFC. 16/07	1	30.00	$\frac{(6.0+5.0)}{2} \times 0.025$		4.12	
		1	30.00	$\frac{(5.0+4.95)}{2} \times 0.025$		3.73	
						7.85	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	CRFC. 16/07

BOOK

ns Breadth 5	Depth 6	Contents 7	Reference to last Measuremen 8
ig wm a hydrostatic			
Connect hose receive			
receiving wm shall we			
to achieve the desire			
cification clause no 30			
per specification.			
(5.0+5.0)			
2	x 0.025	4.12	
(4.95+4.95)			
2	x 0.025	3.73	
		7.85	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

355406

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7.85 7	Reference to last Measurement 8
		1	30.00	(4.95+4.65)/2	x 0.025	3.60	
	CHEC.	1	30.00	(4.65+4.65)/2	x 0.025	3.48	
	16/03	1	30.00	(4.65+4.35)/2	x 0.025	3.37	
		1	30.00	(4.35+4.70)/2	x 0.025	3.39	
		1	10.70	(4.70+4.95)/2	x 0.025	1.29	
						22.98	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	22.98	
1	2	3	4	5	6	7	8
	7 M cross -	1	30.00	(5.10 + 4.75) / 2	x 0.025	3.69	
		1	30.00	(4.75 + 4.60) / 2	x 0.025	3.50	
		1	30.00	(4.60 + 5.0) / 2	x 0.025	3.60	
		1	30.00	(5.10 + 4.90) / 2	x 0.025	3.71	
		1	30.00	(4.90 + 5.0) / 2	x 0.025	3.71	
		1	32.00	(5.0 + 4.90) / 2	x 0.025	3.96	
						45.15	

Cg Fx.

5.00 lakh

Ruth: 50,09
@ 9981.34

Serial No. ...
Name of Wo ... e of Agency
Name of Co ... work ...
Date of com ...

Date	etc, of work
1	2
	8 M cross -

OOK

Depth 6	Contents 22.98 7	Reference to last Measuremer 8
+4.75)		
x0.025	3.69	
+4.60)		
x0.025	3.50	
+5.0)		
x0.025	3.60	
+4.80)		
x0.025	3.71	
+5.0)		
x0.025	3.71	
+4.90)		
x0.025	3.96	
	45.15	

5.00 lakhs

Rate: 50,09

@ 9981.34

M. A. R. 57 (Rule 116)
Measurement Book

No. B

355407

erial No. ....
ame of Wo ..... From..... To.....
ame of Co ..... e of Agency .....
ate of com ..... work .....

Date 1	etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 45.15 7	Reference to last Measurement 8
	8 M crust.	1	30.00	(5.10+5.0)/2	x0.025	3.78	
		1	30.00	(5.0+4.80)/2	x0.025	3.67	
		1	32.00	(4.80+5.60)/2	x0.025	4.16	
		1	30.00	(5.50+5.0)/2	x0.025	3.93	
		1	30.00	(5.0+4.75)/2	x0.025	3.65	
						64.34	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	64.34	
1	2	3	4	5	6		8
		1	30.00	(4.75 + 5.0) / 2	× 0.025	3.65	
		1	30.00	(4.65 + 4.80) / 2	× 0.025	3.54	
			15.00	(4.80 + 4.70) / 2	× 0.025	1.79	
						3	
						74.25 M	
						741114 = 4	
				Total RS -		1945 174 / 1945800	

C/FC

Rate. 9981 : 34

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-24

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ

94 : 8

Cheque

M.

rial No. .....
me of Work .....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work	Num
	2	
	Certificate.	(1) (2)

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ

BOOK

sions		Contents	Reference to last Measuremen
Breadth 5	Depth 6	7	8
		64.34	
(4.75	+5.05)	3.65	
2	x0.025		
(4.65	+4.80)	3.54	
2	x0.025		
(4.80	+4.70)	1.79	
2	x0.025		
		3	
		74.25 M	
		741114 = 4	
Total RS -		1945 174	
		1914500	

M. A. R. 57 (Rule 116)
Measurement Book

No. B
355408

erial No. .....
ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	Certificate.	(1) Certified that the Work done satisfactory (2) This bill Amount has not been claimed in any of previous bill.					

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

MEASUREMENT

I st And Final Bill

M.

Serial No. ..... Developments

Name of Work ..... Byatarayanapura

Name of Contractor of nature of Agency ..... Ex

Date of commencement of work ..280..59..

Date	Full description, etc, of work	Dimen		Contents	Reference to last Measureme
		Number	Length		
1	2	3	4	7	8
	Hegadenagara			Asphalt Work	
	Rs: 19.45174-00			To bill Rs: 19.45174-00	
	126426-			IT- 19452-	
	18,18,748-00			Cess- 19452-	
	Rupees Eighteen Lakh eighteen thousand Seven hundred forty eight only			CBF- 1945-	
				LR - 32679-	
				Fine 18161-	
				CGST 17368-	
				SGST-17368-	
				AAJ 126426-	
				Chque: 18,18748-	
		8 3M Cross			
		7 M cross			
		5 M cross			
	To Shabarin				
	To Yalahanka	Main Road		To Thanisandra	

Work order No.

(1) Earthwork excava
Sanitary lines and
1-50 MM and above
in depth including
trenches Stacking
con Cond upto 50 M